



#8

## SEQUENCE LISTING

<110> Scandinavian Biotechnology Research (ScanBi AB) AB, ORG. NO. 556577-8445

<120> USE OF A CLASS OF ENZYMES AND THEIR ENCODING GENES TO INCREASE THE OIL CONTENT IN TRANSGENIC ORGANISMS

<160> 2

<210> 1

<211> 1833

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 1

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 Ser Thr Glu Ala Glu Arg Val Ala Gly Lys Gln Glu Gln Glu Glu Glu  
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 Tyr Pro Val Asp Ala His Met Gln Lys Tyr Leu Ser His Leu Lys Ser  
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 Lys Ser Arg Ser Arg Phe His Arg Lys Asp Ala Ser Lys Tyr Val Ser  
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 Ala Ile Asn Val Pro Phe Gln Thr Thr Phe Lys Gly Pro Val Leu Glu  
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 Val Lys Thr Thr Val Lys Thr Thr Glu Lys Thr Asp Lys Ala Asp Ala  
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 Pro Pro Gly Glu Lys Leu Glu Ser Asn Phe Ser Gly Ile Tyr Val Phe  
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 Ala Trp Met Phe Leu Gly Trp Ile Ala Ile Arg Cys Cys Thr Asp Tyr  
 195 200 205  
 Tyr Ala Ser Tyr Gly Ser Ala Trp Asn Lys Leu Glu Ile Val Gln Tyr  
 210 215 220  
 Met Thr Thr Asp Leu Phe Thr Ile Ala Met Leu Asp Leu Ala Met Phe  
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 260 265 270  
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 275 280 285  
 Phe Asn Trp Val Thr Arg Ile Phe Leu Phe Leu His Ser Val Val Phe  
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[illegible]